

# Winter Storm Late Saturday into Sunday



## OVERVIEW

- Low pressure will track towards the Mid Atlantic region on Saturday and then southeast of the region while strengthening Saturday evening into Sunday morning.



## Winter Watches Warnings and Advisories



Graphic Created  
January 4th, 2024  
3:37 PM CST

### FORECAST CHALLENGES

- Potential for a quick light snow accum for city/coast Sat eve before changeover to rain.
- Possible transition to snow down to the city and coast Sunday morning into afternoon with light snow accum.
- A farther southeast and stronger low pressure (model trend over last 12 hrs), would increase the potential for accumulating snowfall down to the coast.

### HAZARDS & IMPACTS

#### Wintry Precipitation:

- Interior portions of NE NJ, Lower Hudson Valley, and S CT – Winter Storm Watch**
  - Total Snowfall:** 6 to 8 inches likely, 12” reasonable worst case. Wet snow type.
  - Snowfall Rates:** 1”/hr likely
  - Temperatures:** Upper 20s/Lower 30s
  - Impacts:** Snow covered roads. Scattered downed tree limbs and wires likely.
- Along and just North of I-95 in Lower Hudson Valley, NE NJ and coastal CT**
  - Total Snowfall:** 3 to 7 inches likely, up to 10” reasonable worst case. Wet snow type.
  - Snowfall Rates:** 1”/hr possible
  - Temperatures:** Lower 30s
  - Winds:** North to Northeast 15 to 20 mph with gusts 25 to 30 mph.
  - Impacts:** Snow covered roads. Scattered downed tree limbs and wires possible.
- NYC /NJ metro and Long Island**
  - Total Rainfall:** 1 to 1 1/2”. Localized minor urban poor drainage flooding.
  - Total Snowfall:** 1” or less likely, 2 to 3” reasonable worst case. Wet snow type.
  - Temperatures:** Lower to mid 30s
  - Winds:** Northeast 20 to 25 mph with gusts 35 to 45 mph, highest east.
  - Impacts:** Hazardous wintry travel possible Sat Eve and Sun afternoon.
- Timing:** Snow develops Sat eve, likely transitions to rain by midnight south of I-95. Snow heavy at time north of I-95 Sat Night thru Sun AM. Transition back to snow along the coast possible later Sun AM into PM.

**Coastal Flood Impacts:** Widespread minor coastal flooding with the Sunday morning high tide, particularly along the southern and eastern bays of LI and along LI Sound.

**Shoreline Impacts:** 4 to 7 ft breaking surf. Beach escarpment likely Sat night into Sunday. Isolated dune erosion during Sun AM high tides. Overwashes not expected.

### NWS ALERTS

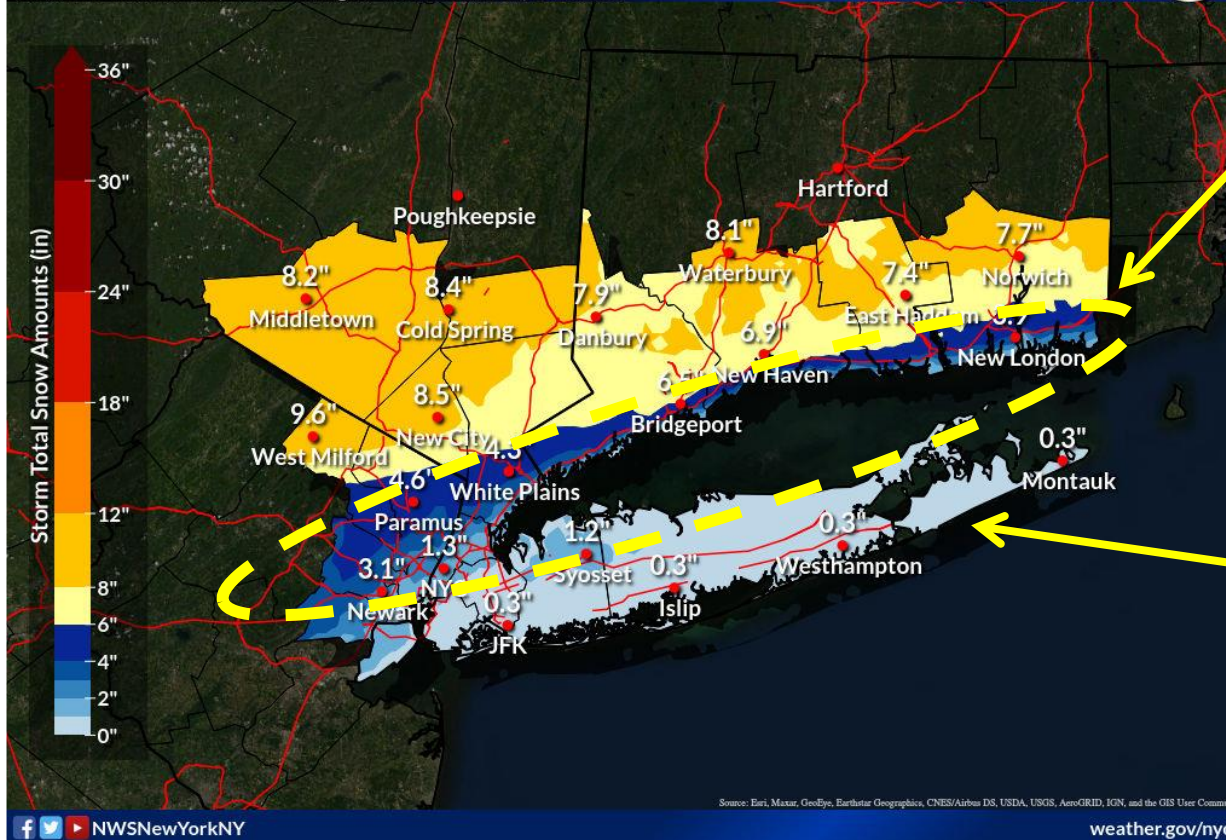
- Winter Storm Watch for Interior NE NJ, Lower Hudson Valley, and S CT late Saturday thru Sunday**

## Expected Snowfall - Official NWS Forecast

Valid 1 PM Sat Jan 06, 2024 through 7 PM Sun Jan 07, 2024 EST

Weather Forecast Office  
New York, NY

Issued Jan 04, 2024 3:17 PM EST



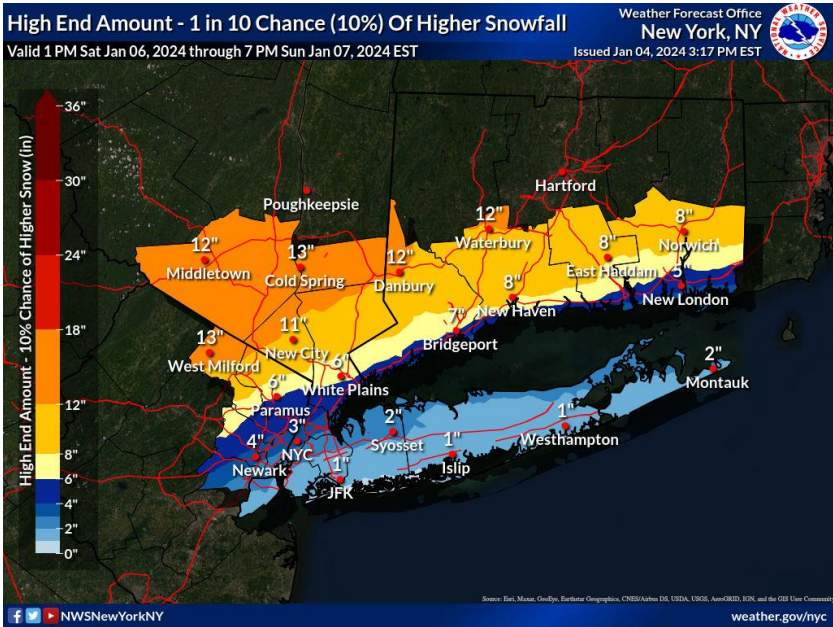
Greatest uncertainty in forecast snowfall amounts due to model spread in exact storm track and intensification and the location of the rain/snow line within 30 miles.

A storm track *farther offshore* and/or *stronger* will move the rain/snow line southeast, resulting in *higher* snowfall totals for the city/coast.

Snow amounts could be 1 to 3" higher than forecast for the city/coast if snow banding develops to the coast Sunday afternoon. The fine details of this forecast will be refined as the event nears, but may not be evident until the storm is underway.

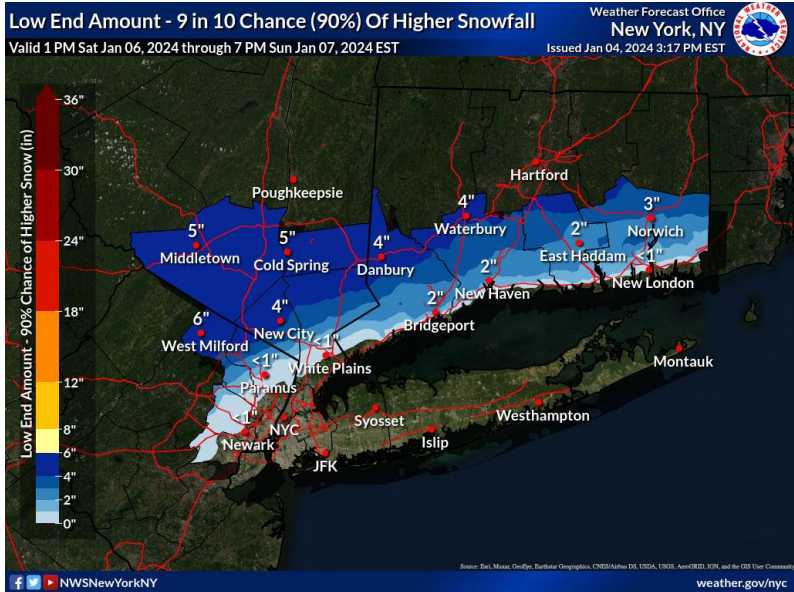


# Probabilistic NWS New York Snowfall Forecasts



Across the interior, snow amounts could be close to these levels at a location based on heavy snow banding location and duration. Along the city/coast, if the storm tracks a bit farther southeast or is a bit stronger, these snow amounts could occur at a location.

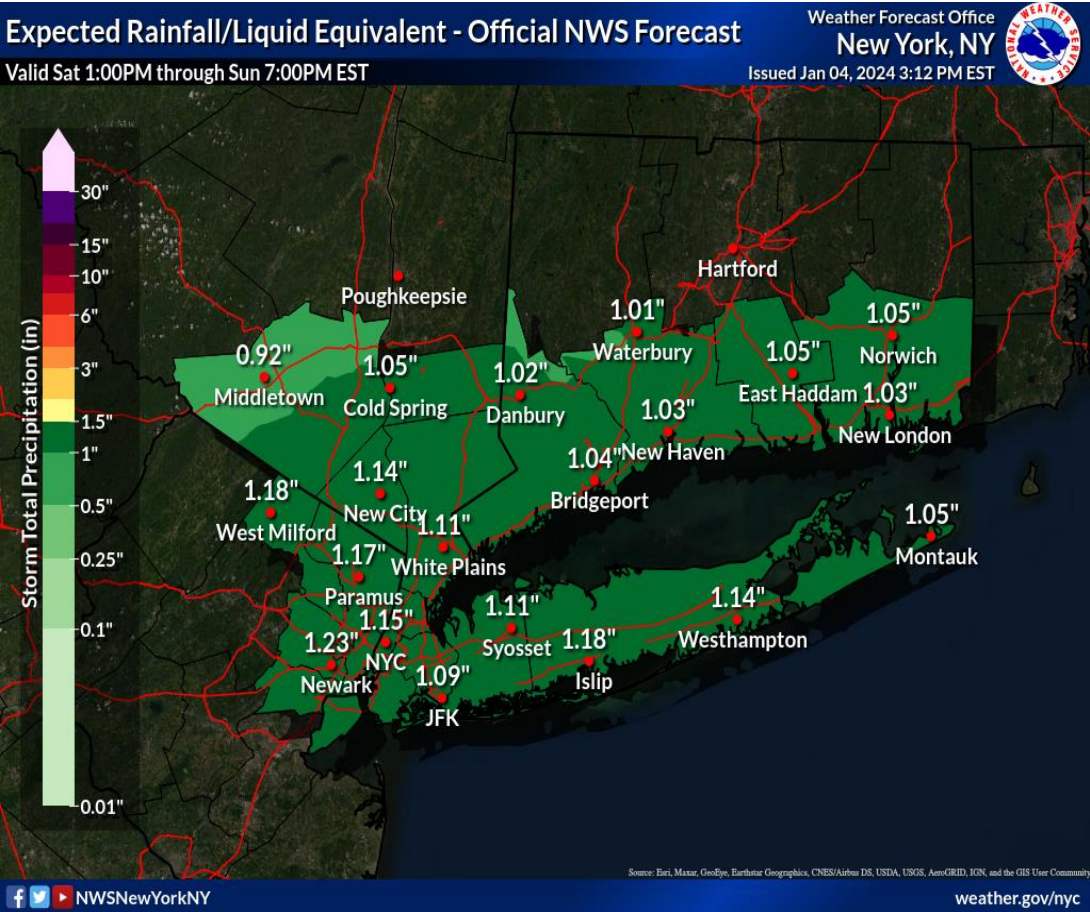
Expect at least this much snow



# Most Likely Rainfall – Official Forecast



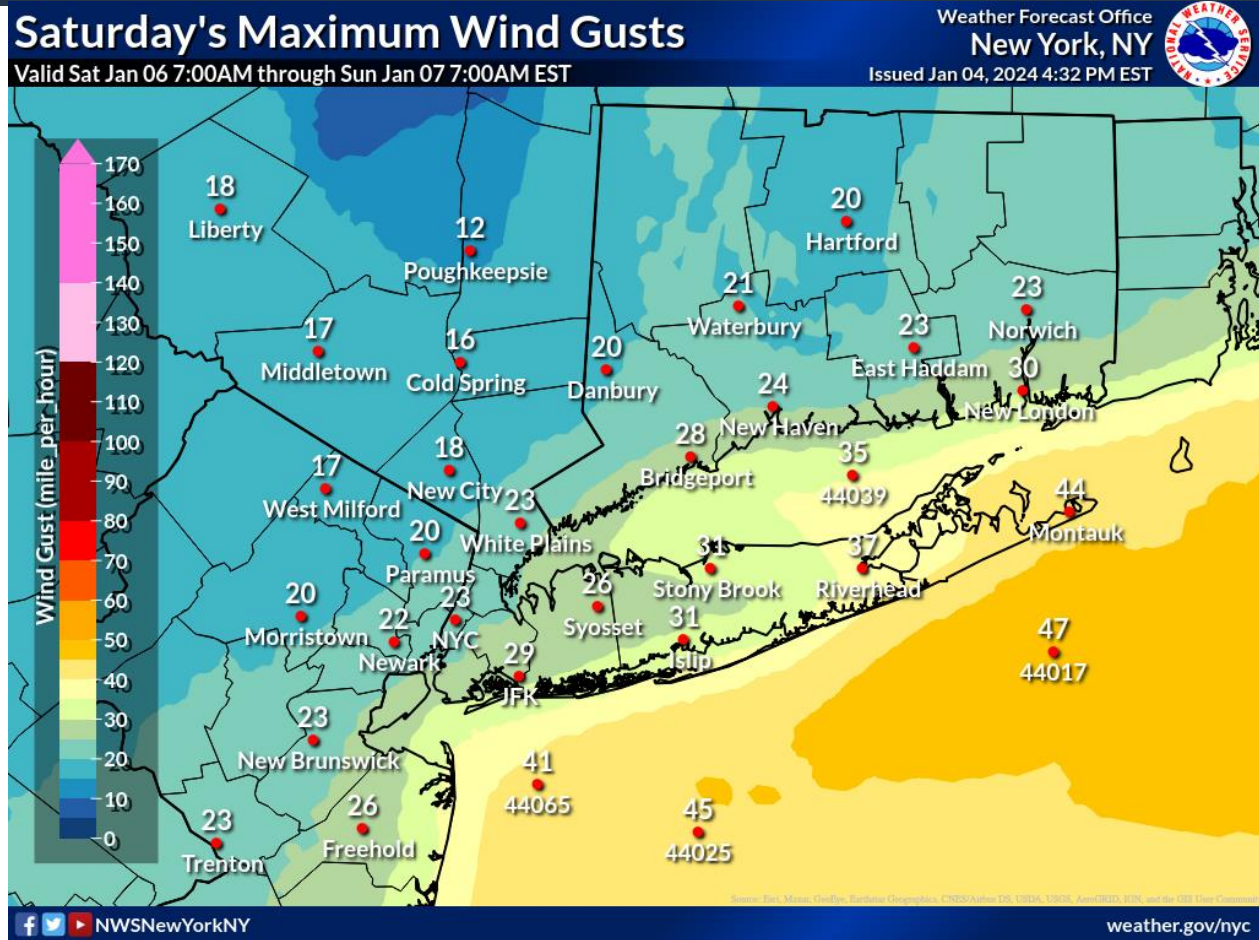
New York, NY  
WEATHER FORECAST OFFICE





# Maximum Wind Gust Forecast

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# Maximum Wind Gust Forecast

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